ASA IE&E Townhall
4 Feb 2011

ESOH
Environment,
Safety &
Occupational

What does ESOH do?

Protection of Endangered Species

Environmental Compliance

Environmental Conservation

Historic Properties

Explosives & Chemical Safety

Formerly Used Defense Sites

BRAC/Property Disposal Clean-up

Pollution Prevention

Active Site Environmental Restoration

Chemical Warfare Materiel

Military Munitions Unexploded Ordnanc

Chem/Bio/Nuke Treaty Technical Oversight

Cultural/Tribal Affairs

Countermine, Humanitarian Demining & EOD Disposal

Occupational & Environmental Health

Aviation & Ground Safety

Low Level Radiological Waste

Noise & Hearin Conservation

Motor Vehicle Safety

National Environmental Policy Act

Wow. That’s a lot of stuff.

But wait…there’s more!

SOH Strategic Planning & Infrastructure Development

SOH Enterprise Wide Analysis & Process Improvement

US/German Technology Data Exchange

Environmental Quality Technology

Water Quality

Contracts & esource Management

Environmental Management Systems

Acquisition

National Defense Center for Energy & Environment

Environmental Technology- Research, Development, Test & Evaluation

Recycling Programs

Treaty Compliance

We clean and maintain training areas so Soldiers can meet their mission

Schofield Barracks HI Soldiers of the 3rd Squadron 4th Cav Regiment 3rd BCT 25th Infantry Div in a tactical formation through Kahuku training 27 April 2010. *Photo courtesy of www.army.mil*

We set Aviation safety policy so Aviators can safely meet their mission

Two UH-60 Black Hawks and a CH-47 Chinook prepare to land at Forward Operating Base Connolly to pick up Secretary of Defense Robert M. Gates after he visited troops there in eastern Afghanistan Dec. 7 2010. *Photo courtesy of U.S. Army Staff Sgt. Mark Burrell, Task Force Bastogne Public Affairs*

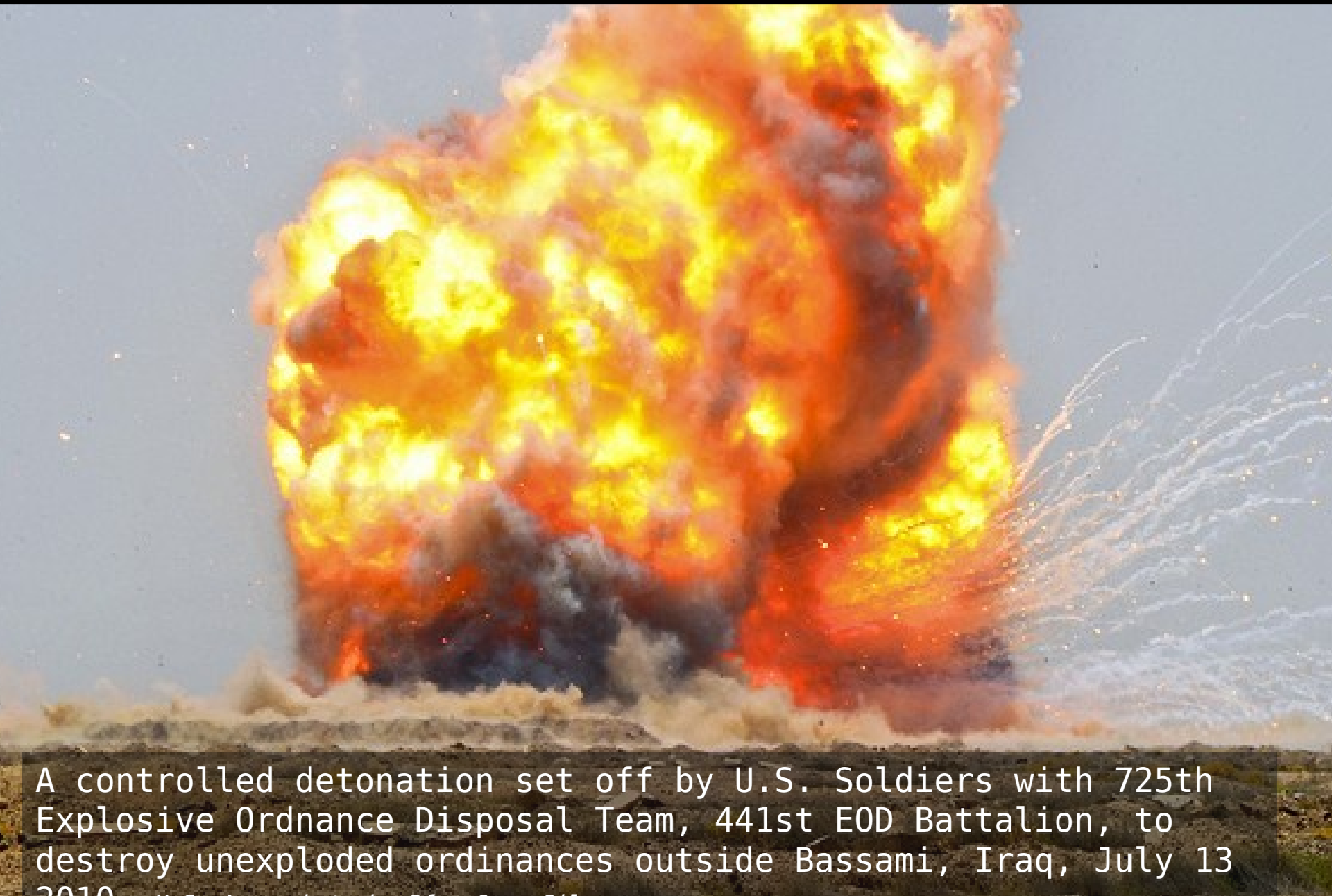
We clean up former DoD land and restore it to EPA standards

Workers examine a water tower on Rocky Mountain Arsenal, Colorado after demolition operations as apart of Army's restoration of the area. *Photo courtesy of www.army.mil*

We oversee recycling programs that promote reuse of brass ammo casings

Nearly 300 tons or 25,205,000 bullets, were reclaimed for recycling by the Oregon Army National Guard at Camp Withycombe. Bullets were collected in reused, one-ton capacity sugar sacks.

We set explosives safety policies so we can safely dispose of unexploded ordnance



A controlled detonation set off by U.S. Soldiers with 725th Explosive Ordnance Disposal Team, 441st EOD Battalion, to destroy unexploded ordinances outside Bassami, Iraq, July 13

We maintain native species health to help maintain training areas

In partnership with the Natural Resources Conservation Service, Fort Custer Training Center takes the native collected native plant seeds, grows them into plugs and replants them on training ranges to repair damage, control erosion and maintain native species health. This saves tens of thousands of dollars annually on revegetation costs at Fort Custer!! *Photo courtesy of Army*

We are stewards of over 170 endangered species

Fort Drum Wildlife Biologist, Chris Dobony, holds a Little Brown Bat as part of a mist net survey of the “Bat Mansion.” This U.S. Fish and Wildlife Service program is integral to current research efforts on White-Nose Syndrome, a unprecedented wildlife heath crisis that has killed over one million hibernating bats in the northeast. *Photo courtesy of Army Environmental Command*

We establish Motorcycle Safety education programs

Army personnel are required to successfully complete an Army-approved hands-on Motorcycle Rider Safety Course prior to operation of a motorcycle. *Photo courtesy of A.G. Photographe, www.flickr.com*

We improve wildlife habitats to increase maneuverability for training

Prescribed burning is conducted at Fort A.P. Hill to increase maneuverability, reduce fuel loads, improve wildlife habitat, and maintain fire-dependent vegetation communities. *Photo courtesy of Army Environmental Command*

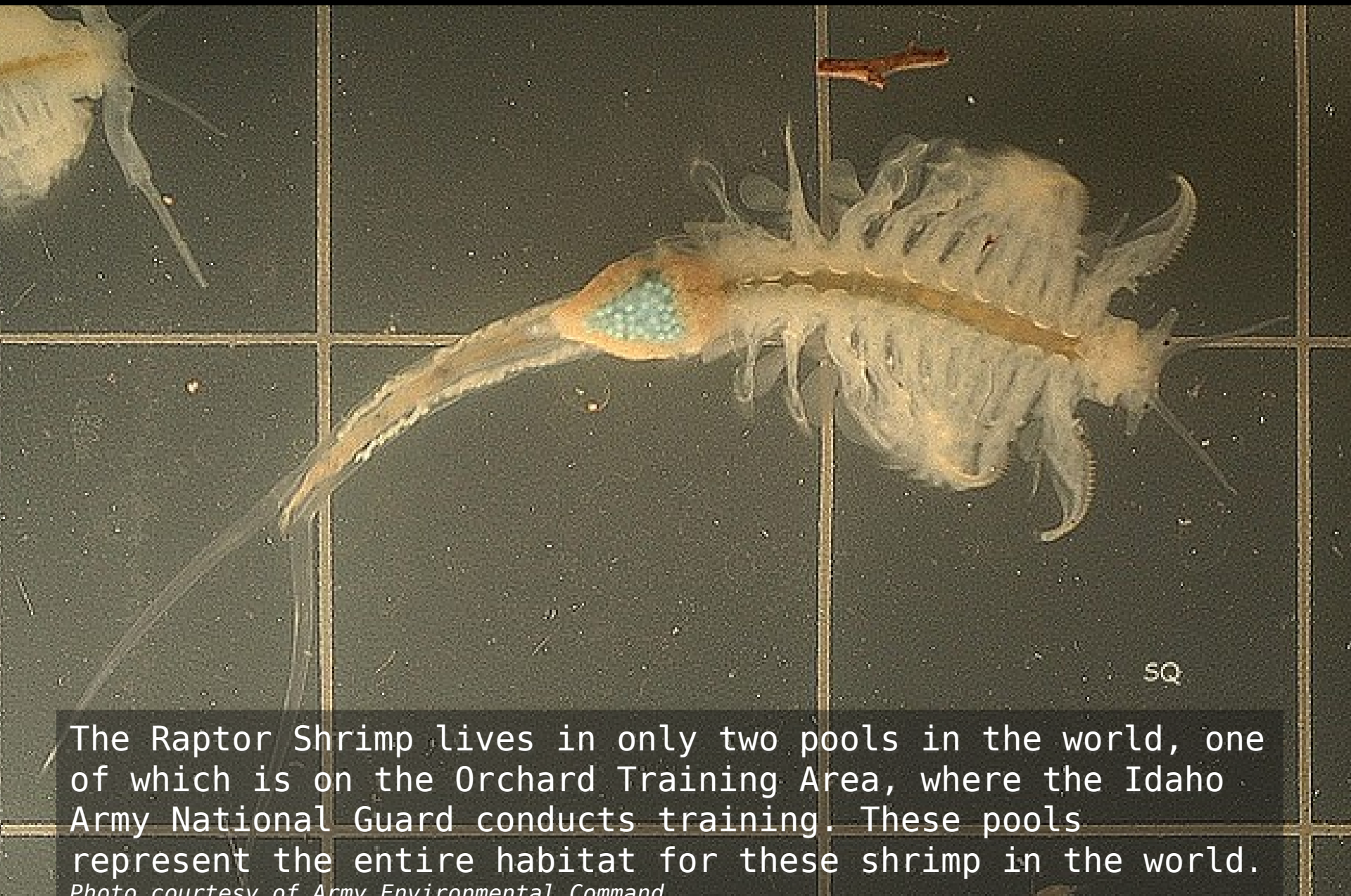
We work with Native Americans to ensure their access to tribal lands

Colors are posted at the Native American Heritage Celebration at Fort Rucker, Alabama, Oct. 29, 2010. Richard Greybull (foreground), a member of the Dakota Tribe and former U.S. Army soldier, was an event organizer.

We create clean water filtration systems for Soldiers down range

U.S. Army Spc. Rachael Potts and an Iraqi engineer prepare a hose that will run dirty water through a solar-powered water filtration system during a demonstration for several Madain region engineers on Forward Operating Base Hammer, Iraq, Sept.

We manage the only known Raptor Shrimp in the world!



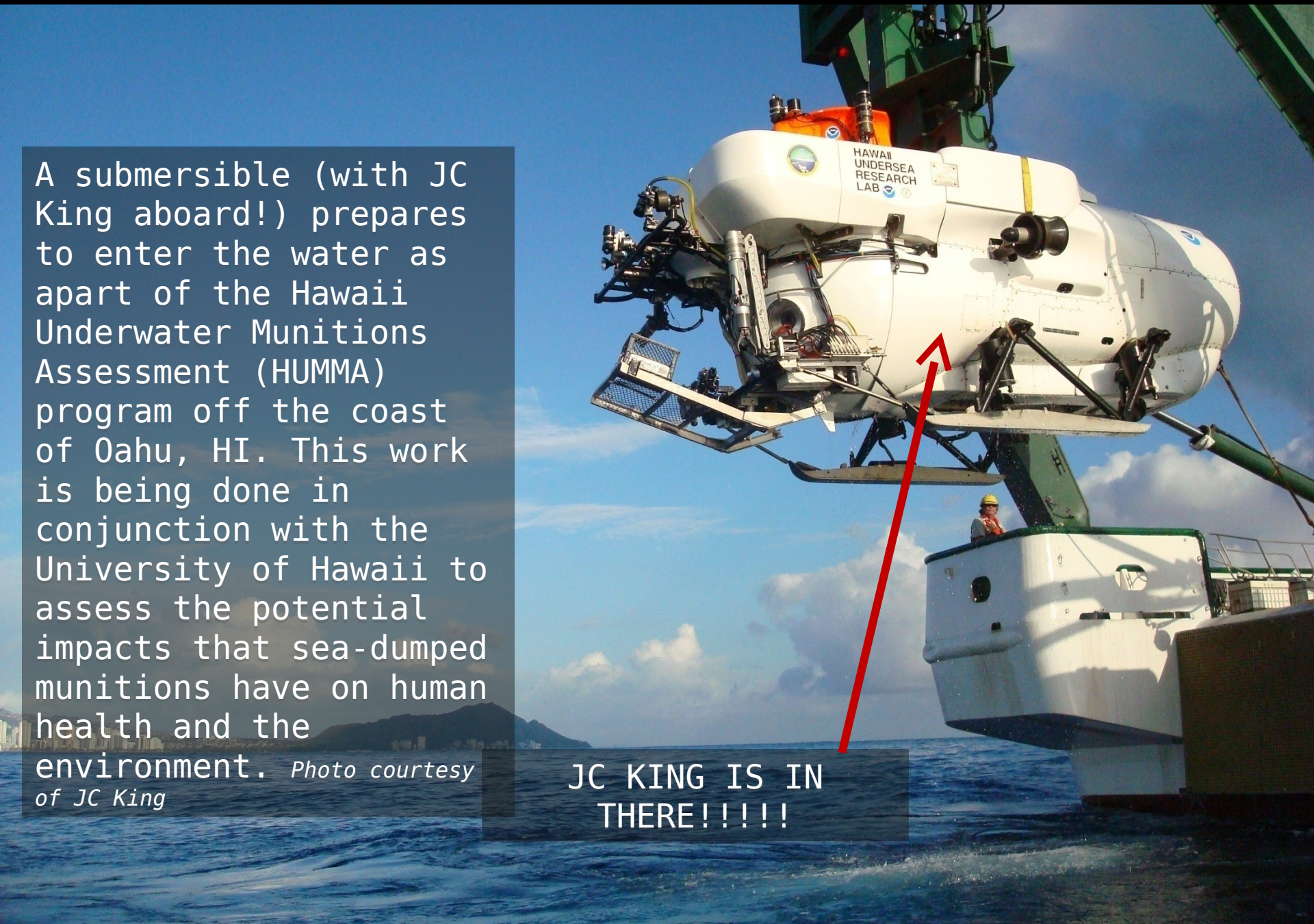
The Raptor Shrimp lives in only two pools in the world, one of which is on the Orchard Training Area, where the Idaho Army National Guard conducts training. These pools represent the entire habitat for these shrimp in the world.

Photo courtesy of Army Environmental Command

You cant touch this!

You cant touch this!

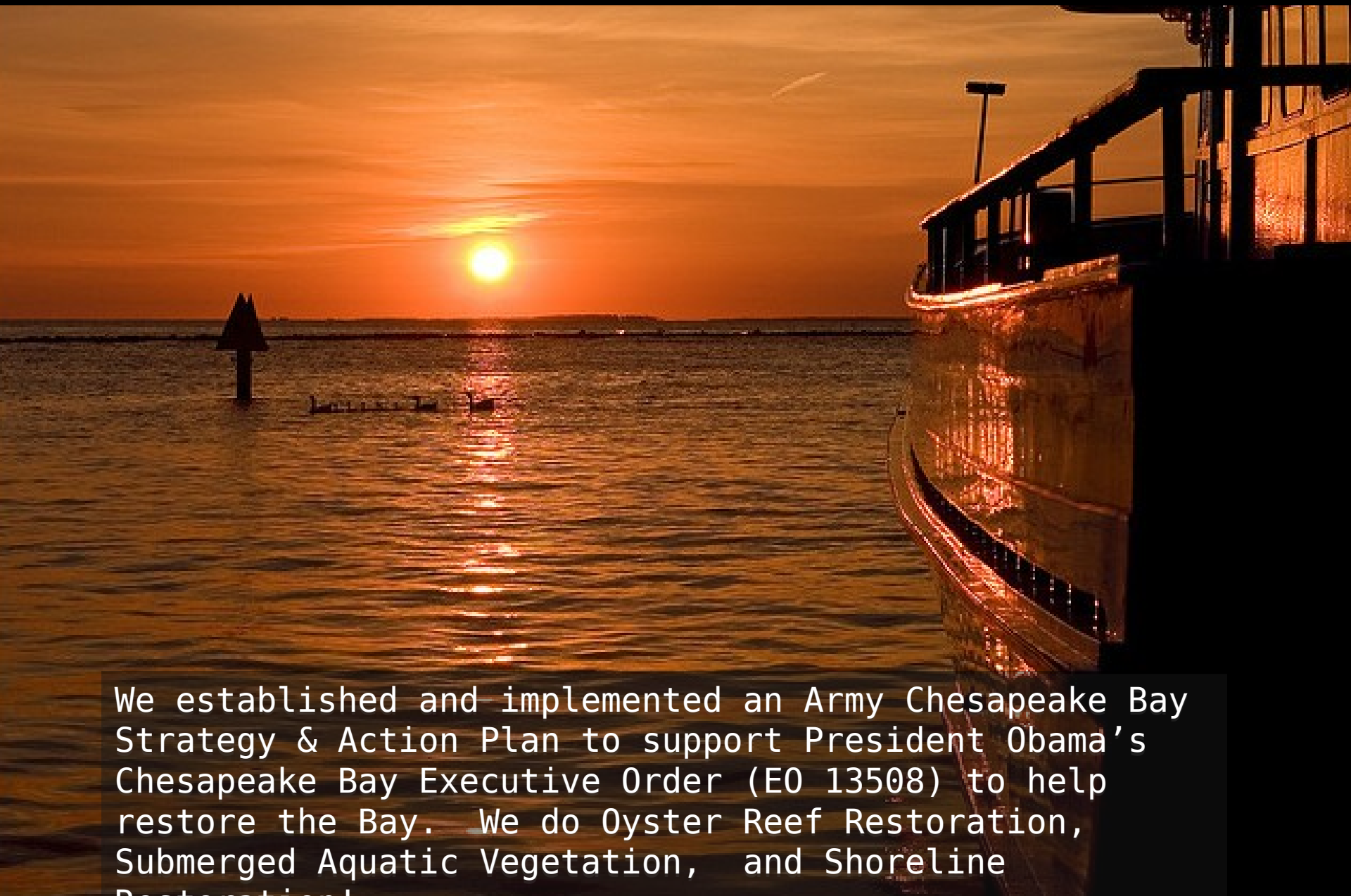
We do groundbreaking UXO work UNDERWATER!



A submersible (with JC King aboard!) prepares to enter the water as apart of the Hawaii Underwater Munitions Assessment (HUMMA) program off the coast of Oahu, HI. This work is being done in conjunction with the University of Hawaii to assess the potential impacts that sea-dumped munitions have on human health and the environment. *Photo courtesy of JC King*

JC KING IS IN THERE!!!!!

We help to conserve and protect the Chesapeake Bay



We established and implemented an Army Chesapeake Bay Strategy & Action Plan to support President Obama’s Chesapeake Bay Executive Order (EO 13508) to help restore the Bay. We do Oyster Reef Restoration, Submerged Aquatic Vegetation, and Shoreline

We are stewards of artifacts that date back **MILLIONS** of years!

The archaeology of Fort McCoy is an artifact rich patchwork of small overlapping occupations spanning over 12,000 years of continuous land-use. Pictured is an Early Woodland vessel and associated charcoal hearth, both dating to approximately 300 B.C. *Photo courtesy of Army Environmental Command*

We participate in Army Acquisition Program Reviews

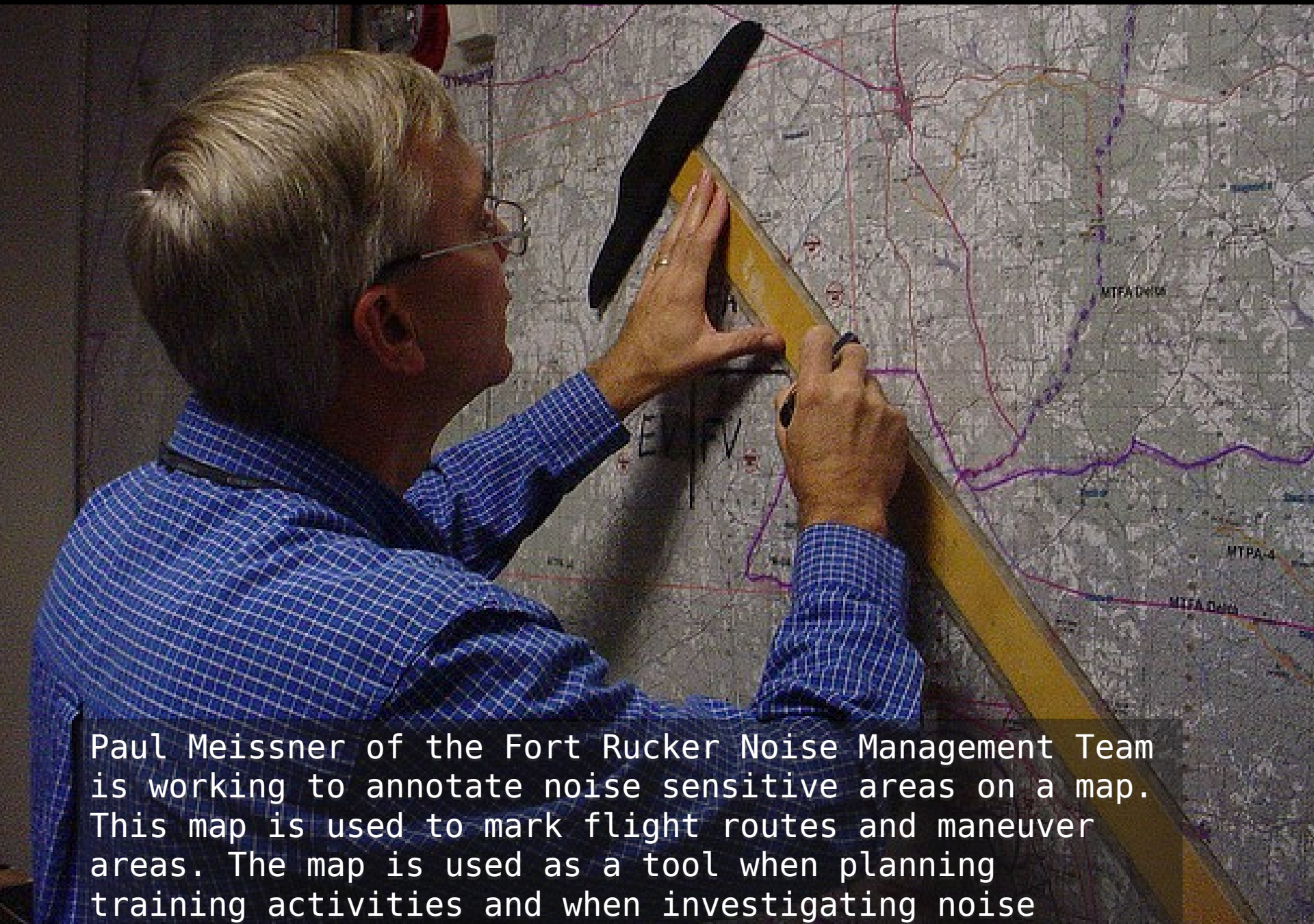
The Department's First Green Weapons Platform!

An M1126 Stryker Infantry Carrier Vehicle assigned to Alpha Company, 1st Battalion, 27th Infantry Regiment, 2nd Stryker Brigade Combat Team maneuvers at Warrior Valley on Rodriguez Range Complex, South Korea, March 24, 2007, during an exercise. *Photo courtesy of www.army.mil*

We build bridges out of recycled material

A National Guard tank crew gives a recycled plastic bridge on Fort Bragg, N.C., its first test. *Photo Courtesy of Fort Bragg*

We are noise managers



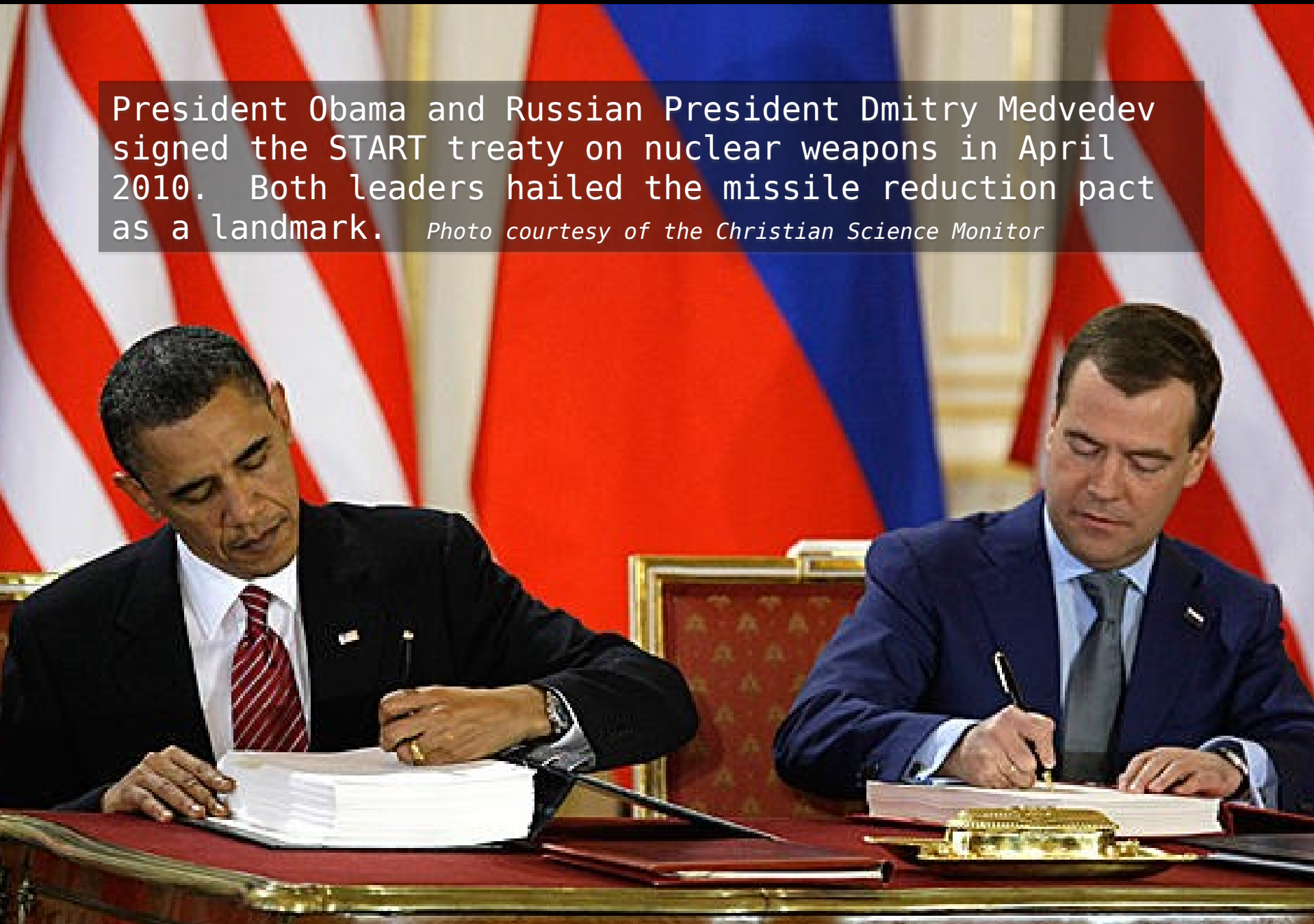
Paul Meissner of the Fort Rucker Noise Management Team is working to annotate noise sensitive areas on a map. This map is used to mark flight routes and maneuver areas. The map is used as a tool when planning training activities and when investigating noise

We are a clearinghouse for UXO technology

We act as a clearinghouse for DoD’s unexploded ordnance (UXO) research and engineering community to provide visibility across the UXO mission areas so that required technology needs are met while avoiding duplication of effort.

Photo courtesy of Google Images

We provide technical support for nonproliferation



President Obama and Russian President Dmitry Medvedev signed the START treaty on nuclear weapons in April 2010. Both leaders hailed the missile reduction pact as a landmark. *Photo courtesy of the Christian Science Monitor*

This is what ESOH does...

What do *YOU* do?

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